CITY OF DuPONT

1700 Civic Drive • DuPont, WA 98327
Phone: (253) 912-5381 • Fax: (253) 964-1455
www.dupontwa.gov

Water Availability Form

Part A
To Be Completed By Applicant

Project Address 700 Station Drive Application Number _____

Subdivision/Project Name Taco Bell Parcel 3000500111

Proposed Water Usage 38 ccf/mo ☉ Commercial ○ Residential # of Units _____
Max Domestic Flow= 25 gpm

Customer Type (circle one) Rural Residential Residential Multi-family (Commercial) Industrial

I, the undersigned, or my appointed representative have requested the following purveyor to certify willingness and ability to provide the indicated service. I have read and understand the information provided by the water purveyor on this Certificate, and acknowledge that the proposed project may require improvements to the water system which would incur my financial obligation. Prior to final approval for water service, operational responsibility, and financial obligation may be required.

Printed Name Pedro DeGuzman, PE Signature _____

Address 5027 51st Avenue SW City Seattle State WA Zip 98136

Part B
To Be Completed by Water Purveyor

Water system to provide service: City of DuPont State ID#: 20500P

The proposed development is / is not within our approved service area (circle one).

This water utility will / will not be providing service (circle one).

Approved number of connections _____ Existing Source Capacity _____

Number of current/existing users _____ Existing Storage _____

Water service will be provided by:

☐ Direct connection to approved, existing water main

☐ Extension of existing water main(s)

☐ New water system in accordance with WAC 246-290

_____ _____ _____
Water Purveyor Signature Printed Name Date

*****NOTE: Completion of page 2 and water purveyor signature are required*****

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FLOW AND PRESSURE FOR FIRE SUPPRESSION DESIGN

Project Name: Taco Bell

Project Location: 700 Station Drive

Developer's Engineer: Pedro DeGuzman, PE

Telephone: (206) 923-0590

Date: 1/29/20

Minimum Fire Flow per Ordinance No 10-905: 1550 gpm for min. of two (2) hours

Required Fire Flow per I.F.C. 2012: 1500 gpm for min. of two (2) hours (Ty. V-B, 2887 sf)

2011 Water System Model (see notes 2, 3 and 4 below):

Street Intersection: _____

Node Number: _____

Static Pressure: _____

Fire Flow: _____

Residual Pressure: _____

Fire Suppression System Design Criteria (see note 5 below):

Street Intersection: _____

Static Pressure: _____

Fire Flow: _____

Residual Pressure: _____

Notes:

1. Actual fire flow will be based on building construction type and building square footage with credits for fire sprinklers.
2. The 2011 Water System Model results are based on the build out condition using the land use indicated in the 2011 Water System Comprehensive Plan.
3. Available fire suppression storage is based on the criteria presented in the 2011 Water System Comprehensive Plan, which is defined as 4,000 gpm for 4 hours, or 960,000 gallons.
4. Pipe velocities are limited to 10 feet/second in pipes used for fire flow runs.
5. The model results have been adjusted per City policy. The policy reduces the model results as follows:
   - Static pressure is reduced by 10 psi
   - Available fire flow is reduced by 10% at a minimum allowable pressure of 20 psi

Cc: Public Works Department, Building Department, Fire Department